

Four-Year Gateway Degree Pathway Planner

B.S. Ed. Technology & Engineering Education (TECE & TECE-ENGD)

Explanation: Your individual plan may vary based on course availability and individual goals. You should always consult with your advisor regularly and reference the course catalog available on the MU Web site.

FIRST YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
ENGL 110 Introductory Writing (IW)	3	COMM 100 Oral Communication (OC)	3
MATH ____ Math Elective	3	SCI Gen Ed BIOL 100, CHEM 103 or PHYS 103	3-4
AENG 110 Communication & Information Systems	3	MATH 130 Elements of Statistics (QL)	3
AENG 130 Production Materials & Processes	4	AENG 140 Bio-related Technologies	4
FYEX 100 First-Year Experience	3	AENG 241 Drafting Communications	4
Total Credits for Semester	16	Total Credits for Semester	17-18

SECOND YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
AENG 120 Energy & Power Systems	3	EDTE 291 Foundations of Technology Education	3
AENG 161 Electronic Systems	4	EDFN 211 Foundations of Modern Ed	3
Ethical Action & Citizenship (EAC) Gen Ed	3	EDFN 241 Psychological Foundations of Teaching	3
Personal Wellness (PWEL) Elective	3	AENG 251 Graphic Communication Systems	4
ENGL ____ English Literature Elective (CE)	3	AENG 271 or 281 Nonmetallic or Metallic Matls	4
Information Literacies (IL) Gen Ed	3	Total Credits for Semester	17
Total Credits for Semester	19		

THIRD YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
ENGL 31X Advanced Writing (312, 316, 318, 319)	3	Diverse Ctrl Cnxts (DCC) Gen Ed (AENG 301 rec)	3
AENG 322 Transportation & Robotics	4	AENG 344 Product Design	4
AENG Lab elective (300-500 level)	3-4	AENG 342 Solid Modeling & 3D Prototyping	4
Gen Ed SCI Elective (BIOL, CHEM, PHYS, or ESCI)	3-4	AENG Advanced Technical Elective (300-500 level)	3-4
Problem Solving (PS) Gen Ed	3	Technical Competency (TC) Gen Ed (OSEH 120 rec)	3
Total Credits for Semester	16-18	Total Credits for Semester	17-18

FOURTH YEAR

FALL SEMESTER		SPRING SEMESTER	
Recommended Course Selections	Credits	Recommended Course Selections	Credits
EDTE 391 Curriculum & Instruction	3	EDTE 461 Student Teaching	9
SEED 340 Content Area Literacy for Diverse Classrooms	3	EDTE 491 Seminar in Technology Education	1
SPED 346 Sec Students with Disabilities in Inclusive	3	SEED 471 Student Teaching Seminar (CAP)	3
EDTE 496 Innovation & Design Methodologies	2	Total Credits for Semester	12
AENG Advanced Technical Elective (300-500 level)	3-4		
Total Credits for Semester	14-15		